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* Admitted in TX only
** Admitted in CT only

October 6, 2004

MS Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450

Re: U.S. Patent Application No.: 10/798,822
For: *SYSTEMS AND METHODS FOR SUB-WAVELENGTH IMAGING*
Inventors: Cyganski, David, *et al.*
Filed: March 11, 2004
Our Ref. No.: WP9-001

Dear Sir:

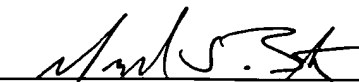
I enclose herewith for filing in the above-identified application the following:

1. Information Disclosure Statement;
2. PTO Form SB/08;
3. Copies of reference citation numbers A11-A17, B1-B17 and C1-C2 cited in PTO Form SB/08 (26); and
4. A Return Postcard.


No additional costs are believed to be due in connection with the filing of this Information Disclosure Statement. However, please charge any necessary fees in connection with the enclosed statement to our Deposit Order Account No. 12-0080. For this purpose, a duplicate of this sheet is attached.

I hereby certify that this correspondence is deposited with the United States Postal Service as first class mail in an envelope addressed to: MS Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450 on:

October 6, 2004
Date


Michael J. Bastian, Ph.D., Registration No. 47,411

Respectfully submitted,
LAHIVE & COCKFIELD, LLP


Michael J. Bastian, Ph.D.
Registration No. 47,411
Attorney for Applicants



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the application of: Cyganski, David, *et al.*

Serial No.: 10/798,822

Filed: March 11, 2004

For: *SYSTEMS AND METHODS FOR
SUB-WAVELENGTH IMAGING*

Attorney Docket No.: WP9-001

Group Art Unit: Not Yet Assigned

Examiner: Not Yet Assigned

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Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450


Certificate of First Class Mailing (37 CFR §1.8(a))

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: MS Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450 on the date set forth below.

October 6, 2004

Date of Signature and of Mail Deposit

By:


Michael J. Bastian, Ph.D.
Registration No. 47,411
Attorney for Applicants

INFORMATION DISCLOSURE STATEMENT

Dear Sir:

Pursuant to 37 CFR 1.56, 1.97 and 1.98, the attention of the Patent and Trademark Office is hereby directed to the references listed on the attached PTO/SB/08. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the references be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

Copies of cited U.S. patent documents (Reference Citation Nos. A1-A10) are not provided with this statement in accordance with the Official Notice: "Information Disclosure

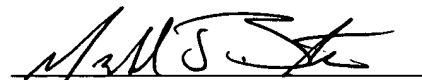
Statements May Be Filed Without Copies of U.S. Patents and Published Applications in Patent Applications filed after June 30, 2003", 1273 Off. Gaz. Pat. Office 55 (August 5, 2003)..

Copies of foreign patent documents and non-patent literature (Reference Citation Nos. A11-A17, B1-B17 and C1-C2) are enclosed in accordance with 37 CFR 1.98(a)(2).

In accordance with 37 CFR 1.97(g), the filing of this Information Disclosure Statement shall not be construed to mean that a search has been made or that no other material information as defined in 37 CFR 1.56(a) exists. In accordance with 37 CFR 1.97(h), the filing of this Information Disclosure statement shall not be construed to be an admission that any patent, publication or other information referred to therein is "prior art" to the present application.

Under 37 CFR § 1.97(b)(3), no additional costs are believed to be due in connection with the filing of this disclosure. If, however, a first Office Action on the merits issues in this application bearing a mailing date prior to the date of this Information Disclosure Statement, please charge the appropriate fee as required under 37 CFR §1.17(p) to our Deposit Order Account No. 12-0080.

Respectfully submitted,
LAHIVE & COCKFIELD, LLP


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Date: October 6, 2004

MJB/rl
Enclosures



PTO/SB/08a/b (08-03)

Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)				Complete if Known	
				Application Number	10/798,822
				Filing Date	March 11, 2004
				First Named Inventor	Cyganski, David
				Art Unit	Not Yet Assigned
				Examiner Name	Not Yet Assigned
Sheet	1	of	3	Attorney Docket Number	WP9-001

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
	A1	4,734,746	03-29-1998	Ushida, <i>et al.</i>	
	A2	5,814,414	09-29-1998	Georger, <i>et al.</i>	
	A3	6,267,913	07-31-2001	Marder, <i>et al.</i>	
	A4	6,485,895	11-26-2002	Choi, <i>et al.</i>	
	A5	6,586,329	07-01-2003	Tanaka, <i>et al.</i>	
	A6	6,656,816	12-02-2003	Tomioka	
	A7	6,670,104	12-30-2003	Kido	
	A8	6,684,785	02-03-2004	Harwood	
	A9	6,686,300	02-03-2004	Mehrotra, <i>et al.</i>	
	A10	RD 437031	09-10-2000	3M, <i>et al.</i>	

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)				
	A11	JP 7150078	06-13-1995	Sekisui Chem Co Ltd		
	A12	WO 00/49080	08-24-2000	Chen Yaohong (CA), <i>et al.</i>		
	A13	WO 01/31401	05-03-2001	Najafi S Iraj (CA), <i>et al.</i>		
	A14	WO 02/40602	05-23-2002	CIBA Specialty Chemical Holdings, Inc.		
	A15	WO 02/19407	03-07-2002	Boukherroub, R., <i>et al.</i>		
	A16	WO 02/079691	10-10-2002	Kuebler, S.M., <i>et al.</i>		
	A17	WO 02/091433	11-14-2002	Infineon Technologies AG		

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

Examiner Signature		Date Considered	
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Substitute for form 1449A/B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)				Complete if Known	
				Application Number	10/798,822
				Filing Date	March 11, 2004
				First Named Inventor	Cyganski, David
				Art Unit	Not Yet Assigned
				Examiner Name	Not Yet Assigned
Sheet	2	of	3	Attorney Docket Number	WP9-001

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials [*]	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	B1	Barnett, S.M., "Photonic de Broglie wave interferometers." <i>Journal of Modern Optics</i> . 1998; 45(11):2217-32.	
	B2	Boto, A.N., <i>et al.</i> , "Quantum Interferometric Optical Lithography: Exploiting Entanglement to Beat the Diffraction Limit." <i>Physical Review Letters</i> . 2000 Sep; 85(13):2733-36.	
	B3	Fonseca, E.J.S., <i>et al.</i> , "Measurement of the de Broglie Wavelength of a Multiphoton Wave Packet." <i>Physical Review Letters</i> . 1999 Apr; 82(14):2868-71.	
	B4	Gannon, T., <i>et al.</i> , "Two-Laser-Sensitized Decomposition of Carbon Tetrachloride Photoacid Generation." <i>J. Org. Chem.</i> 1993; 58:5639-42.	
	B5	Jacobson, J., <i>et al.</i> , "Photonic de Broglie Waves." <i>Physical Review Letters</i> . 1995 Jun; 74(24): 4835-38.	
	B6	Lim, M., <i>et al.</i> , "Confocality condition in two-color excitation microscopy with two focused excitation beams." <i>Optics Communications</i> . 2002; 207:121-30.	
	B7	McGimpsey, W.G., <i>et al.</i> , "A Two-Photon Study of the "Reluctant" Norrish Type I Reaction of Benzil." <i>Journal of the American Chemical Society</i> . 1987; 109:2179-81.	
	B8	Nagasko, E.M., <i>et al.</i> , "Nonclassical two-photon interferometry and lithography with high-gain parametric amplifiers." <i>Physical Review A</i> , 2001; 64:043802-1-043802-5.	
	B9	Pittman, T.B., <i>et al.</i> , "Two-photon geometric optics." <i>Physical Review A</i> . 1996 Apr; 53(4): 2804-15.	
	B10	Scaiano, J.C., <i>et al.</i> , "Two-Laser, Two-Color Photochemistry from Upper Triplet States of 2-Bromonaphthalene and 9-Bromophenanthrene in Benzene." <i>J. Phys. Chem.</i> 1994; 98:5431-34.	
	B11	Smith, G.A., <i>et al.</i> , "Two-Laser Photochemistry of Phenothiazine in Solution: Ionization and Bond Cleavage from Upper States." <i>J. Phys. Chem.</i> 1994; 98:2923-29.	
	B12	Steuernagel, O., "Scheme for fourfold de Broglie wavelength reduction of a multi-photon wavepacket." <i>J. Opt. B: Quantum Semiclass. Opt.</i> 4. 2002; S397-S400.	
	B13	Strekalov, D.V., <i>et al.</i> , "Two-Photon Interferometry for High-Resolution Imaging." <i>J. Mod. Optic.</i> 2002; 49:519-27.	
	B14	Strickler, J.H., <i>et al.</i> , "3-D Optical Data Storage by Two-Photon Excitation." <i>Adv. Mater.</i> 1993; 5(6):479-81.	
	B15	Wang, L., <i>et al.</i> , "Three-dimensional microfabrication by two-photon-initiated polymerization with a low-cost microlaser." <i>Optics Letters</i> . 2002 Aug; 27(15):1348-50.	
	B16	Wang, Z., <i>et al.</i> , "One- and Two-Laser Photochemistry of Iminodibenzyl." <i>J. Phys. Chem.</i> 1993; 97:9668-72.	
	B17	Wu, P.W., <i>et al.</i> , "Two-photon exposure of photographic film." <i>J. Opt. Soc. Am. B</i> . 1999 Apr; 16(4):605-8.	

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	C1	Yablonovitch, E., <i>et al.</i> , "Optical projection lithography at half the Rayleigh resolution limit by two-photon exposure." <i>Opt. Eng.</i> 1999 Feb; 38(2):334-38.	
	C2	Zhang, B., <i>et al.</i> , "Photochemistry of 1,2-Dibromoethyl." <i>J. Phys. Chem.</i> 1994; 98:7022-28.	

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